Report Date.: 01/30/98 4:01 PM Request....: MA97-4 Submitter...: E.Chambers/J.Garman

Reported By...: WINSTON, NITA Date Submitted: 10/30/97 Date Received: 10/30/97 Date Completed: 11/20/97 Approved By...: WINSTON, NITA

Request Type: inh Activity : T00107

Description .: MASSACHUSETTS COMPLIANCE - TEST BRANDS MORE THAN 5% MARKET SHARE FOR

MA.COMPLIANCE

	MR6M				MR6P25			
Test Categories/Tests	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke						5		
FTC Butt Length, mm		28.0				28.0		
MA Tax, mg/cigt		31.0	1.43	20		31,3	1,65	20
MA TPM, mg/cigt.		49.6	2,46	20		50.6	2.37	20
MA Nicotine, mg/cigt.		2,16	0.101	20		2.11	0.077	20
MA Water, mg/cigt.		16.46	1.204	20		17.27	0.958	20
MA Puffs/Cigt.		11.0	0.32	20		11.6	0.35	20
Tar/Puff, mg		2.8				2.7		
pH		5.43	0.019	3		5.42	0.024	3
MA CO, mg/cigt.		26.7	0.91	16		27.7	1.05	16
Filter								
Tipping Paper Length, mm		24.9	0.13	20		24.9	0.14	20
Ventilation, %		1	1.0	99		10		100
Filler								
Tobacco Weight, q		0.723	0.0040	4		0.743	0.0041	4
CDC Nicotine, mg/cigt.		12.77	0.166	3		12.96	0.125	3
		-		_		,	- 1	_
	ML6P25				мьбм			
Test Categories/Tests		Average	StdDev	N	ML6M Target	Average	StdDev	Ň
Test Categories/Tests Smoke	ML6P25 Tarqet	Average	StdDev	<u>N</u>	ML6M Target	Average	StdDev	N
		Average 34.0	StdDev	N		Average 34.0	StdDev	N.
Smoke FTC Butt Length, mm		34.0	StdDev					
Smoke FTC Butt Length, mm MA Tar, mg/cigt				19		34.0 22.5	StdDev 0.81 1.79	N
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/c1gt.		34.0 22.9 34.5	1.15	19 19		34.0 22.5 33.3	0.81	20 20
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/c1gt. MA Nicotine, mg/cigt.		34.0 22.9	1.15 2.14 0.074	19 19 19		34.0 22.5 33.3 1.58	0.81 1.79 0.094	20 20 20
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt.		34.0 22.9 34.5 1.58 10.09	1.15 2.14 0.074 1.097	19 19		34.0 22.5 33.3 1.58 9.27	0.81 1.79 0.094 1.025	20 20
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt.		34.0 22.9 34.5 1.58 10.09	1.15 2.14 0.074	19 19 19		34.0 22.5 33.3 1.58 9.27 10.4	0.81 1.79 0.094	20 20 20 20
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt. Tar/Puff, mg		34.0 22.9 34.5 1.58 10.09 10.9	1.15 2.14 0.074 1.097 0.46	19 19 19 19		34.0 22.5 33.3 1.58 9.27 10.4 2.2	0.81 1.79 0.094 1.025 0.40	20 20 20 20 20 20
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt. Tar/Puff, mg pH		34.0 22.9 34.5 1.58 10.09 10.9 2.1 5.39	1.15 2.14 0.074 1.097 0.46	19 19 19 19		34.0 22.5 33.3 1.58 9.27 10.4 2.2 5.42	0.81 1.79 0.094 1.025 0.40	20 20 20 20 20 20
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt. Tar/Puff, mg pH MA CO, mg/cigt.		34.0 22.9 34.5 1.58 10.09 10.9	1.15 2.14 0.074 1.097 0.46	19 19 19 19		34.0 22.5 33.3 1.58 9.27 10.4 2.2	0.81 1.79 0.094 1.025 0.40	20 20 20 20 20 20
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt. Tar/Puff, mg pH MA CO, mg/cigt. Filter		34.0 22.9 34.5 1.58 10.09 10.9 2.1 5.39 23.5	1.15 2.14 0.074 1.097 0.46 0.041 1.10	19 19 19 19 19		34.0 22.5 33.3 1.58 9.27 10.4 2.2 5.42 21.4	0.81 1.79 0.094 1.025 0.40 0.042 0.64	20 20 20 20 20 20 3
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt. Tar/Puff, mg pH MA CO, mg/cigt. Filter Tipping Paper Length, mm		34.0 22.9 34.5 1.58 10.09 10.9 2.1 5.39 23.5	1.15 2.14 0.074 1.097 0.46 0.041 1.10	19 19 19 19 19 19		34.0 22.5 33.3 1.58 9.27 10.4 2.2 5.42 21.4	0.81 1.79 0.094 1.025 0.40 0.042 0.64	20 20 20 20 20 20 20
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt. Tar/Puff, mg pH MA CO, mg/cigt. Filter Tipping Paper Length, mm Ventilation, %		34.0 22.9 34.5 1.58 10.09 10.9 2.1 5.39 23.5	1.15 2.14 0.074 1.097 0.46 0.041 1.10	19 19 19 19 19		34.0 22.5 33.3 1.58 9.27 10.4 2.2 5.42 21.4	0.81 1.79 0.094 1.025 0.40 0.042 0.64	20 20 20 20 20 20 3
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt. Tar/Puff, mg pH MA CO, mg/cigt. Filter Tipping Paper Length, mm Ventilation, % Filler		34.0 22.9 34.5 1.58 10.09 10.9 2.1 5.39 23.5 31.0	1.15 2.14 0.074 1.097 0.46 0.041 1.10 0.17 3.8	19 19 19 19 19 15 20 100		34.0 22.5 33.3 1.58 9.27 10.4 2.2 5.42 21.4 31.0 24	0.81 1.79 0.094 1.025 0.40 0.042 0.64 0.18 3.7	20 20 20 20 20 20 20 16
Smoke FTC Butt Length, mm MA Tar, mg/cigt MA TPM, mg/cigt. MA Nicotine, mg/cigt. MA Water, mg/cigt. MA Puffs/Cigt. Tar/Puff, mg pH MA CO, mg/cigt. Filter Tipping Paper Length, mm Ventilation, %		34.0 22.9 34.5 1.58 10.09 10.9 2.1 5.39 23.5	1.15 2.14 0.074 1.097 0.46 0.041 1.10	19 19 19 19 19 19		34.0 22.5 33.3 1.58 9.27 10.4 2.2 5.42 21.4	0.81 1.79 0.094 1.025 0.40 0.042 0.64 0.18 3.7	20 20 20 20 20 20 20

Notations:

MR6M - MARLBORO MENTHOL KS 20'S (SP)

MR6P25 - MARLBORO KS SOFT PACK 25'S

ML6P25 - MARLBORO LIGHTS KS SOFT PACK 25'S

ML6M - MARLBORO LIGHTS MENTHOL KS 20'S (SP)

SEE PAGE 2 FOR THE CDC NICOTINE DISCLAIMER

All tests were conducted in the Philip Morris U.S.A. Research and Development Product Testing Laboratory. The above test results relate to the samples submitted to this laboratory during the stated time period. Extrapolation outside this time period is not appropriate.

Doc-Code: P0622

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PRODUCT TESTING LABORATORY Final Laboratory Averages Report

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Philip Morris USA Confidential

Report Date.: 01/30/98 4:01 PM Request....: MA97-4

Submitter...: E.Chambers/J.Garman

Request Type: inh Activity : T00107 Reported By...: WINSTON, NITA
Date Submitted: 10/30/97
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4

MA.COMPLIANCE

The specified CDC protocol cited in the Federal Register/vol.62.No.85, 24115 through 24119, Standards Addition Assay, II.B.1.through 12., was followed as written and results reported with specified recovery correction, II.D.8. In II.B.2., instructions and calculations related to the nicotine and internal standard concentrations are in error.

cc:

All tests were conducted in the Philip Morris U.S.A. Research and Development Product Testing Laboratory. The above test results relate to the samples submitted to this laboratory during the stated time period. Extrapolation outside this time period is not appropriate.

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